



November 2009

Alberta's International Merchandise Exports

January to September 2009

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Highlights

Overview

During the first nine months of 2009, the value of Alberta's international goods exports fell by 39.2% from the same period in 2008, to \$51.3 billion. This decrease is the result of a broad based decline in prices and volumes. Overall volumes contracted by an estimated 2.7%, driven by large declines in exports of natural gas and gas liquids, sulphur, and chemicals (such as styrene and ethylene glycol). In the third quarter of 2009, exports fell by 42.1% from the same quarter in 2008 to \$17.9 billion. Export losses in the third quarter were also the result of both falling volumes and prices.

Major Commodities

Between January and September of 2009, exports of Alberta's top three commodities, crude oil, natural gas and wheat, fell by 40.2%, 54.1% and 6.4%, respectively. In the case of natural gas, export values declined due to a fall in both price and volume. Crude oil and wheat export values fell as a result of lower prices. Exports of sulphur, last year's number three commodity, fell sharply by 87.4% due to lower prices and volumes. Export values of liquefied propane, ethylene glycol and polyethylene declined by 45.3%, 47.3% and 27.0%, respectively, also as a result of both lower prices and volumes. Ethylene polymers and canola declined on lower prices while boneless beef exports fell on lower volumes. Bituminous coal exports rose 20.0% as both prices and volumes increased. Canola oil rose 58.2% on sharply higher volumes.

Exports by Industry

Year-to-date, the value of mining and energy exports fell 45.9% as compared to the same period in 2008. Aside from a 27.9% rise in coal exports, significant declines were registered in all other mining and energy sectors. Sulphur, natural gas and natural gas liquids, and crude oil exports fell by 87.4%, 53.2% and 40.2% respectively. Manufacturing exports fell by 22.6% driven by large declines in primary metal products (down 44.6%), computer and electronic products (down 38.5%), plastic and rubber products (down 33.9%), and chemicals (down 33.6%). The only manufacturing sectors to show year-over-year gains were food, feed and beverages (up 2.3%) and non-metallic mineral products (up 1.9%). Primary agricultural exports declined by 9.6%, as livestock exports dropped 9.8% and crop exports 9.6%.

Exports by Country

During the first nine months of 2009, exports to Alberta's top three destinations (U.S., China, and Japan) fell by 42.1%, 22.3% and 18.9% respectively, as compared to the same period last year. Exports to the U.S. declined on lower exports of crude oil, gas and gas liquids and organic chemicals, such as styrene and acyclic hydrocarbons. Ethylene glycol, sulphur and polymers of ethylene were the main drivers behind the decrease in exports to China. Canola, wheat and cobalt led declines in exports to Japan. An increase in bituminous coal and winches and capstan export were the main drivers behind the 6.7% increase in exports to South Korea, while increases in exports of parts of boring or sinking machinery and wheat drove exports to Mexico up by 6.3%. Exports to other top 15 markets such as Australia and Brazil fell on lower exports of sulphur, to Indonesia on lower wheat exports, and to the Netherlands on lower nickel exports. Exports to Iraq increased 238.9% as a result of higher exports of wheat.

ALBERTA'S INTERNATIONAL MERCHANDISE EXPORTS TO TOP 50 COUNTRIES/MARKETS

| Countries/Markets | Third Quarter | | | January to September | | |
|----------------------|-------------------|-------------------|---------------|----------------------|-------------------|---------------|
| | 2008 (\$ '000) | 2009 (\$ '000) | % Change | 2008 (\$ '000) | 2009 (\$ '000) | % Change |
| United States | 27,650,482 | 15,211,612 | -45.0% | 73,924,854 | 42,817,493 | -42.1% |
| China | 631,916 | 662,284 | 4.8% | 2,585,179 | 2,008,712 | -22.3% |
| Japan | 488,231 | 425,840 | -12.8% | 1,500,374 | 1,217,379 | -18.9% |
| Mexico | 307,237 | 234,384 | -23.7% | 746,574 | 793,249 | 6.3% |
| Korea, South | 141,067 | 164,093 | 16.3% | 384,995 | 410,923 | 6.7% |
| Netherlands | 83,661 | 74,128 | -11.4% | 244,310 | 198,252 | -18.9% |
| Australia | 117,623 | 64,096 | -45.5% | 329,024 | 184,788 | -43.8% |
| Iraq | 4,233 | 93,579 | 2110.9% | 54,188 | 183,625 | 238.9% |
| Singapore | 49,939 | 52,899 | 5.9% | 162,435 | 174,310 | 7.3% |
| Russia | 52,566 | 43,882 | -16.5% | 144,945 | 154,109 | 6.3% |
| Indonesia | 70,470 | 42,453 | -39.8% | 252,361 | 150,575 | -40.3% |
| Brazil | 191,308 | 75,192 | -60.7% | 432,277 | 150,416 | -65.2% |
| Saudi Arabia | 19,256 | 24,552 | 27.5% | 150,257 | 143,793 | -4.3% |
| United Kingdom | 51,836 | 44,867 | -13.4% | 166,132 | 126,614 | -23.8% |
| Italy | 37,249 | 29,850 | -19.9% | 122,779 | 119,946 | -2.3% |
| Taiwan | 50,158 | 39,262 | -21.7% | 189,194 | 119,489 | -36.8% |
| United Arab Emirates | 59,004 | 20,477 | -65.3% | 151,155 | 116,863 | -22.7% |
| Iran | 44,891 | 11,601 | -74.2% | 58,325 | 110,837 | 90.0% |
| India | 25,690 | 67,161 | 161.4% | 67,399 | 103,504 | 53.6% |
| Bangladesh | 19,665 | 11,688 | -40.6% | 55,163 | 103,407 | 87.5% |
| Colombia | 22,255 | 35,964 | 61.6% | 69,385 | 98,582 | 42.1% |
| Chile | 49,198 | 15,604 | -68.3% | 114,406 | 95,678 | -16.4% |
| Venezuela | 49,283 | 22,552 | -54.2% | 109,544 | 92,775 | -15.3% |
| Pakistan | 51,992 | 11,420 | -78.0% | 143,164 | 86,304 | -39.7% |
| Sri Lanka | 26,533 | 26,258 | -1.0% | 106,747 | 78,226 | -26.7% |
| Peru | 16,538 | 27,243 | 64.7% | 56,388 | 75,271 | 33.5% |
| Hong Kong | 30,064 | 26,084 | -13.2% | 85,291 | 73,135 | -14.3% |
| Germany | 15,728 | 12,643 | -19.6% | 53,107 | 70,577 | 32.9% |
| Oman | 17,946 | 9,996 | -44.3% | 33,036 | 67,019 | 102.9% |
| Belgium | 38,392 | 29,103 | -24.2% | 134,192 | 64,324 | -52.1% |
| Philippines | 9,282 | 13,189 | 42.1% | 55,120 | 63,365 | 15.0% |
| Libya | 5,030 | 8,502 | 69.0% | 29,277 | 62,011 | 111.8% |
| Thailand | 22,068 | 31,260 | 41.6% | 72,541 | 61,828 | -14.8% |
| France | 22,613 | 13,332 | -41.0% | 69,692 | 61,581 | -11.6% |
| Ecuador | 8,386 | 17,422 | 107.8% | 34,436 | 55,538 | 61.3% |
| Switzerland | 9,119 | 21,972 | 141.0% | 31,556 | 54,278 | 72.0% |
| Malaysia | 22,038 | 17,195 | -22.0% | 104,915 | 48,481 | -53.8% |
| Algeria | 24,700 | 17,049 | -31.0% | 113,073 | 47,831 | -57.7% |
| Morocco | 153 | 5,395 | 3433.9% | 23,783 | 36,141 | 52.0% |
| New Zealand | 17,966 | 15,369 | -14.5% | 62,925 | 34,978 | -44.4% |
| Egypt | 24,849 | 11,259 | -54.7% | 58,013 | 34,469 | -40.6% |
| South Africa | 115,712 | 14,969 | -87.1% | 191,784 | 34,001 | -82.3% |
| Cuba | 17,285 | 13,533 | -21.7% | 72,500 | 33,936 | -53.2% |
| Norway | 10,084 | 8,440 | -16.3% | 28,766 | 29,448 | 2.4% |
| Sudan | 22,532 | 5,292 | -76.5% | 64,678 | 29,284 | -54.7% |
| Ghana | 6,627 | 9,745 | 47.0% | 28,595 | 28,331 | -0.9% |
| Spain | 12,954 | 8,644 | -33.3% | 33,837 | 27,302 | -19.3% |
| Nigeria | 1,825 | 9,430 | 416.8% | 6,094 | 27,276 | 347.6% |
| Kazakhstan | 12,754 | 3,687 | -71.1% | 86,140 | 24,652 | -71.4% |
| Tunisia | 1,608 | 1,347 | -16.2% | 3,729 | 18,468 | 395.2% |
| All Other Countries | 219,792 | 88,561 | -59.7% | 552,709 | 322,831 | -41.6% |
| Total Exports | 31,001,785 | 17,946,360 | -42.1% | 84,351,343 | 51,326,206 | -39.2% |

ALBERTA EXPORTS TO ALL MARKETS BY INDUSTRY

| EXPORTS BY INDUSTRY | Third Quarter | | | January to September | | |
|---|-------------------|-------------------|---------------|----------------------|-------------------|---------------|
| | 2008 (\$ '000) | 2009 (\$ '000) | % Change | 2008 (\$ '000) | 2009 (\$ '000) | % Change |
| Primary Agriculture | 1,144,369 | 937,393 | -18.1% | 3,855,184 | 3,484,811 | -9.6% |
| Crops | 977,341 | 829,961 | -15.1% | 3,342,245 | 3,022,217 | -9.6% |
| Livestock | 167,027 | 107,432 | -35.7% | 512,939 | 462,594 | -9.8% |
| Primary Forestry, Fishing & Trapping | 1,404 | 868 | -38.2% | 3,312 | 2,877 | -13.1% |
| Mining & Energy | 23,399,621 | 12,406,667 | -47.0% | 62,198,131 | 33,664,493 | -45.9% |
| Crude Oil* | 15,354,303 | 9,402,224 | -38.8% | 36,616,751 | 21,901,526 | -40.2% |
| Natural Gas & Natural Gas Liquids | 7,184,594 | 2,713,986 | -62.2% | 23,373,897 | 10,941,487 | -53.2% |
| Coal | 194,457 | 216,548 | 11.4% | 436,987 | 558,829 | 27.9% |
| Sulphur | 645,212 | 59,463 | -90.8% | 1,670,266 | 210,197 | -87.4% |
| Other Mining & Energy | 21,056 | 14,446 | -31.4% | 100,231 | 52,453 | -47.7% |
| Manufacturing | 6,187,471 | 4,391,208 | -29.0% | 17,569,928 | 13,599,888 | -22.6% |
| Chemicals | 2,192,473 | 1,298,991 | -40.8% | 6,064,207 | 4,024,675 | -33.6% |
| Food, Feed & Beverage | 778,890 | 744,682 | -4.4% | 2,312,536 | 2,366,863 | 2.3% |
| Machinery | 1,004,978 | 663,007 | -34.0% | 2,528,219 | 2,312,330 | -8.5% |
| Primary Metal Products | 422,058 | 293,688 | -30.4% | 1,494,661 | 827,442 | -44.6% |
| Paper Products & Wood Pulp | 389,418 | 321,932 | -17.3% | 1,181,573 | 928,621 | -21.4% |
| Petroleum & Coal Products | 365,387 | 377,099 | 3.2% | 1,074,831 | 824,580 | -23.3% |
| Computer & Electronic Products | 219,849 | 103,880 | -52.7% | 701,071 | 430,902 | -38.5% |
| Wood Products | 168,280 | 159,775 | -5.1% | 446,343 | 415,260 | -7.0% |
| Fabricated Metal Products | 216,466 | 155,817 | -28.0% | 567,807 | 497,299 | -12.4% |
| Transportation Equipment | 142,141 | 82,511 | -42.0% | 399,277 | 364,195 | -8.8% |
| Electrical Equipment, App. & Comp. | 83,293 | 52,593 | -36.9% | 212,243 | 174,245 | -17.9% |
| Plastics & Rubber Products | 81,116 | 52,418 | -35.4% | 216,679 | 143,211 | -33.9% |
| Furniture & Related Products | 44,713 | 25,410 | -43.2% | 138,422 | 94,239 | -31.9% |
| Non-Metallic Mineral Products | 25,228 | 25,913 | 2.7% | 77,107 | 78,605 | 1.9% |
| Other Manufacturing | 53,182 | 33,490 | -37.0% | 154,953 | 117,420 | -24.2% |
| Other Exports | 268,920 | 210,225 | -21.8% | 724,787 | 574,137 | -20.8% |
| TOTAL | 31,001,785 | 17,946,360 | -42.1% | 84,351,343 | 51,326,206 | -39.2% |

ALBERTA'S TOP 50 COMMODITY EXPORTS TO THE WORLD

| Commodities | Third Quarter | | | January to September | | |
|---|-------------------|-------------------|---------------|----------------------|-------------------|---------------|
| | 2008 (\$ '000) | 2009 (\$ '000) | % Change | 2008 (\$ '000) | 2009 (\$ '000) | % Change |
| Crude Oil | 15,354,228 | 9,402,137 | -38.8% | 36,616,675 | 21,901,340 | -40.2% |
| Natural Gas | 6,786,248 | 2,522,657 | -62.8% | 21,935,176 | 10,074,123 | -54.1% |
| Wheat (other than durum wheat) | 480,427 | 444,966 | -7.4% | 1,575,820 | 1,474,763 | -6.4% |
| Polymers of ethylene nes, in primary forms | 622,951 | 400,775 | -35.7% | 1,587,181 | 1,224,734 | -22.8% |
| Canola | 353,653 | 254,791 | -28.0% | 1,078,441 | 990,560 | -8.1% |
| Propane, liquefied | 337,303 | 127,639 | -62.2% | 1,285,806 | 703,431 | -45.3% |
| Parts for boring or sinking machinery, nes | 288,966 | 188,145 | -34.9% | 596,716 | 587,746 | -1.5% |
| Meat of bovine animals, boneless, fresh or chilled | 218,947 | 177,548 | -18.9% | 582,877 | 566,210 | -2.9% |
| Polyethylene having a spec gravity of >0.94 | 254,808 | 161,027 | -36.8% | 750,789 | 547,879 | -27.0% |
| Ethylene glycol | 289,317 | 198,032 | -31.6% | 1,019,499 | 536,909 | -47.3% |
| Bituminous coal | 191,284 | 203,140 | 6.2% | 424,677 | 509,733 | 20.0% |
| Heavy oils (not crude), e.g. diesel | 151,689 | 243,292 | 60.4% | 496,761 | 458,605 | -7.7% |
| Chemical woodpulp, coniferous | 163,230 | 131,673 | -19.3% | 483,266 | 395,991 | -18.1% |
| Bovine animals, live, nes | 136,987 | 85,939 | -37.3% | 424,320 | 383,797 | -9.6% |
| Nickel, unwrought | 151,517 | 148,510 | -2.0% | 553,350 | 361,918 | -34.6% |
| Urea | 185,911 | 79,468 | -57.3% | 443,970 | 347,904 | -21.6% |
| Canola oil and fractions, low erucic acid, crude | 22,741 | 88,788 | 290.4% | 214,874 | 339,917 | 58.2% |
| Low value export transactions and confidential commod | 175,608 | 116,095 | -33.9% | 464,683 | 326,619 | -29.7% |
| Chemical woodpulp, coniferous | 132,527 | 109,879 | -17.1% | 416,379 | 311,546 | -25.2% |
| Air/gas pumps, compressors and fans, nes | 83,294 | 82,820 | -0.6% | 208,794 | 280,862 | 34.5% |
| Anhydrous ammonia | 185,109 | 71,954 | -61.1% | 440,979 | 248,508 | -43.6% |
| Durum wheat | 57,907 | 43,211 | -25.4% | 232,744 | 216,474 | -7.0% |
| Coniferous wood sawn > 6mm thick | 94,328 | 86,537 | -8.3% | 253,869 | 216,457 | -14.7% |
| Sulphur | 645,212 | 59,463 | -90.8% | 1,670,266 | 210,197 | -87.4% |
| Turbopropellers, not exceeding 1,100 Kw | 66,821 | 39,934 | -40.2% | 180,171 | 199,138 | 10.5% |
| Potatoes, prepared, frozen | 53,146 | 52,731 | -0.8% | 158,060 | 187,234 | 18.5% |
| Malt | 55,734 | 58,417 | 4.8% | 177,492 | 179,039 | 0.9% |
| Boring or sinking machinery nes, not self-propelled | 116,530 | 60,757 | -47.9% | 262,606 | 178,952 | -31.9% |
| Butanes, liquefied | 60,805 | 63,525 | 4.5% | 152,112 | 163,553 | 7.5% |
| Ethylene, propylene, butylene and butadiene liquified | 98,517 | 71,809 | -27.1% | 264,250 | 162,682 | -38.4% |
| Barley | 29,908 | 43,653 | 46.0% | 261,642 | 160,299 | -38.7% |
| Acyclic hydrocarbons, saturated | 67,565 | 43,364 | -35.8% | 235,100 | 149,609 | -36.4% |
| Machines/mechanical appliances w. individual function | 65,582 | 37,648 | -42.6% | 164,960 | 146,180 | -11.4% |
| Styrene | 127,091 | 47,917 | -62.3% | 399,975 | 141,890 | -64.5% |
| Pork, nes, fresh or chilled | 36,520 | 45,618 | 24.9% | 111,555 | 133,276 | 19.5% |
| Polyethylene having a spec gravity of <0.94 | 70,853 | 49,348 | -30.4% | 214,048 | 133,170 | -37.8% |
| Taps, cocks for pipes, vats incl. thermo control | 46,858 | 45,278 | -3.4% | 127,360 | 131,317 | 3.1% |
| Semichemical woodpulp | 48,372 | 52,380 | 8.3% | 159,505 | 130,555 | -18.2% |
| Cobalt, unwrought | 69,922 | 42,182 | -39.7% | 245,503 | 125,063 | -49.1% |
| Canola oilcake and solid residual low erucic acid | 37,802 | 38,914 | 2.9% | 111,741 | 118,789 | 6.3% |
| Pork, nes, frozen | 34,679 | 30,894 | -10.9% | 85,615 | 105,665 | 23.4% |
| Canola oil and fractions, low erucic acid, refined | 67,163 | 33,047 | -50.8% | 143,919 | 103,194 | -28.3% |
| Acyclic hydrocarbons, unsaturated nes | 76,019 | 37,918 | -50.1% | 182,250 | 89,792 | -50.7% |
| Ethylene-vinyl acetate copolymers, primary forms | 52,330 | 23,489 | -55.1% | 119,597 | 75,735 | -36.7% |
| Oriented strand board (OSB), of wood | 27,690 | 33,394 | 20.6% | 66,071 | 74,262 | 12.4% |
| Repair value of goods repaired in Canada | 12,793 | 22,085 | 72.6% | 42,599 | 69,878 | 64.0% |
| Newsprint, in rolls or sheets | 34,270 | 19,056 | -44.4% | 89,006 | 63,827 | -28.3% |
| Winches and capstans powered by electric motors, nes | 17,776 | 23,228 | 30.7% | 26,096 | 55,081 | 111.1% |
| Filter/purify machine and apparatus for gases, nes | 10,845 | 18,863 | 73.9% | 51,042 | 53,624 | 5.1% |
| Waste and scrap of precious metal, nes | 1,421 | 11,527 | 710.9% | 42,255 | 13,188 | -68.8% |
| TOTAL ABOVE | 28,751,205 | 16,475,461 | -42.7% | 77,832,442 | 46,361,218 | -40.4% |
| TOTAL | 31,001,785 | 17,946,360 | -42.1% | 84,351,343 | 51,326,206 | -39.2% |

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